



Kinasource Limited,  
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**Anti DmACC pSer93**

**Order No. PB-142**

**Antibody concentration: 0.8 mg/ml**

**Lot No 1**

**Amount per vial: 100µg**

**Store at -20°C**

**Product description:**

Polyclonal, affinity purified antibody raised in sheep against the peptide CTLKPSMpSRGTGLG, resembling residues 87-99 of drosophila melanogaster Acetyl CoA carboxylase – Acc. No. CAD42173 - plus a N-terminal cysteine.

**Applications:** Western blotting

**Application advise**

Western blocking buffer: 5% dry milk, 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

1st Ab buffer: 0.2 –1µg/ml antibody in western blocking buffer. Incubate for 4 to 16 hours at 4°C for optimal results.

Wash buffer: 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

2nd Ab buffer: HRP coupled anti sheep Pierce 31480 (1:10000) in western blocking buffer.

**Background information**

David Pan and Grahame Hardie discovered the drosophila homologues of the AMPK subunits and showed that the drosophila homologue of Acetyl CoA Carboxylase (DmACC) is phosphorylated by AMPK in a similar manner as known from experiments with rodent and human cells. PB-142 was used to monitor DmACC phosphorylation at Ser 93 (Pan and Hardie, Biochem. J. (2002) Vol. 367 pp 179-186.

For in vitro use only.

For research use only.

Not for clinical use or consumption.

Not for diagnostic use.

Do not inject in humans or animals.